TECHNICAL SPECIFICATION OF VRF AC UNIT FOR MDP HALL AT BHEL RANIPET

22	DESCRIPTION	VENDOR'S CONFIRMATION
1	1 VRF SYSTEM DESCRIPTION	
1.1	Supply, installation, testing & commissioning of Microprocessor control based	
1.2	Cooling Range by the VRF unit in the MDP hall	
2	REFRIGERANT	
	Refrigerant should be of R410a	
	Initial Charge of refrigerant gas	<u>.</u>
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۰ ن	VRF high static indoor units of the 34- 36TR capacities including shifting,	
۲.۵	supports.	
3.2	No of indoor units	
3.3	3.3 Model	
3.4	Type of Mounting	
3.5	Corded Remote Controls for the indoor units	
3.6	Air filter details	
3.7	Fan Motor Details	
3.8	3.8 Required number of Refnet Joints for all the above Indoor units	
4	OUTDOOR UNITS	
	Variable Refrigerant Flow Out Door unit package consists of digital scroll	
4.1	compressor, air cooled condenser, fan, control panel, stands of outdoor units,	
	vibration isolation pads, etc.	
4.2	4.2 No of Outdoor Units	
4.3	Power rating of individual outdoor units	
4.4	4.4 Compressor Model	
4.5	Power requirement for compressor	
4.6	Condenser fan motor details	
	Central Monitoring Unit suitable for monitoring and controlling of all outdoor	
5	and indoor units. Total number of Central Monitoring units shall be capable of	
	connecting to all the above indoor units and outdoor units.	
6	PIPING DETAILS:	

To the Control for	22 Client list to be submitted along with oner
	c) Outdoor Unit
	b) Huddi Oilic
	b) bdoor lnit
	21 a)Total Weight of the VRF unit
	2) Outdoor Unit
	1) Indoor Unit
	20 Total Area required for the equipment.
	2) Outdoor Unit
	1) Indoor Unit
	19 Overall Dimensions:
	Inside Lighting Lodu. 1.3 Watto/ 54
	load in the Hall: 2320 vv
	Alf nandille Onicioonic on the
	Air handling Unit room: 6 X 40 W= 240 W
	gs: 26 X 80 = 2080
	Inside Temperature : 22 +/- 2 deg. Centigrade
	Outside Temperature: 46 deg. Centigrade
	persons
	Number of participants in the nair: Willimman 25 persons
	Total Area : 279.87 sq meters
	Total Volume: 783.636 cubic meters
	Height: 2.8m
	Width: 11.4m
	Length: 24.55m
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Note: Vendors may visit site to access the quantum of dismantling work and site conditions for preparing offer for new AC plant. Contact for site visit: Mr. S.Panneerselvam, Sr.Engineer/M&S. Tel:04172-284602, Mob: 9442215670